

Abstract

A log of access to protected content is kept that has forced periodic updates, even if no access has occurred. Systems and methods make it difficult to determine when the access log will be modified next. A server securely sends a variable time period (VTP) and a time duration to the next connection (TDNC) to a client. These two values determine how often the client must update the access log and how long the client must wait before establishing communication with the server. Thus, the server is able to detect and deter rollback attacks.

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